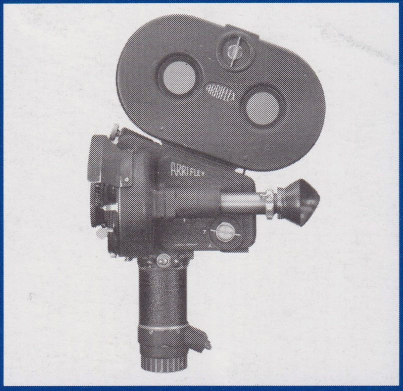
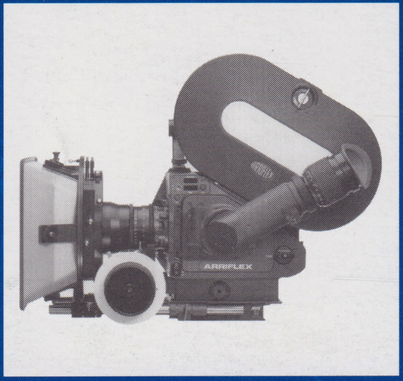
Evolution.



1937

Arriflex introduces the first 35mm film camera with spinning mirror reflex shutter.



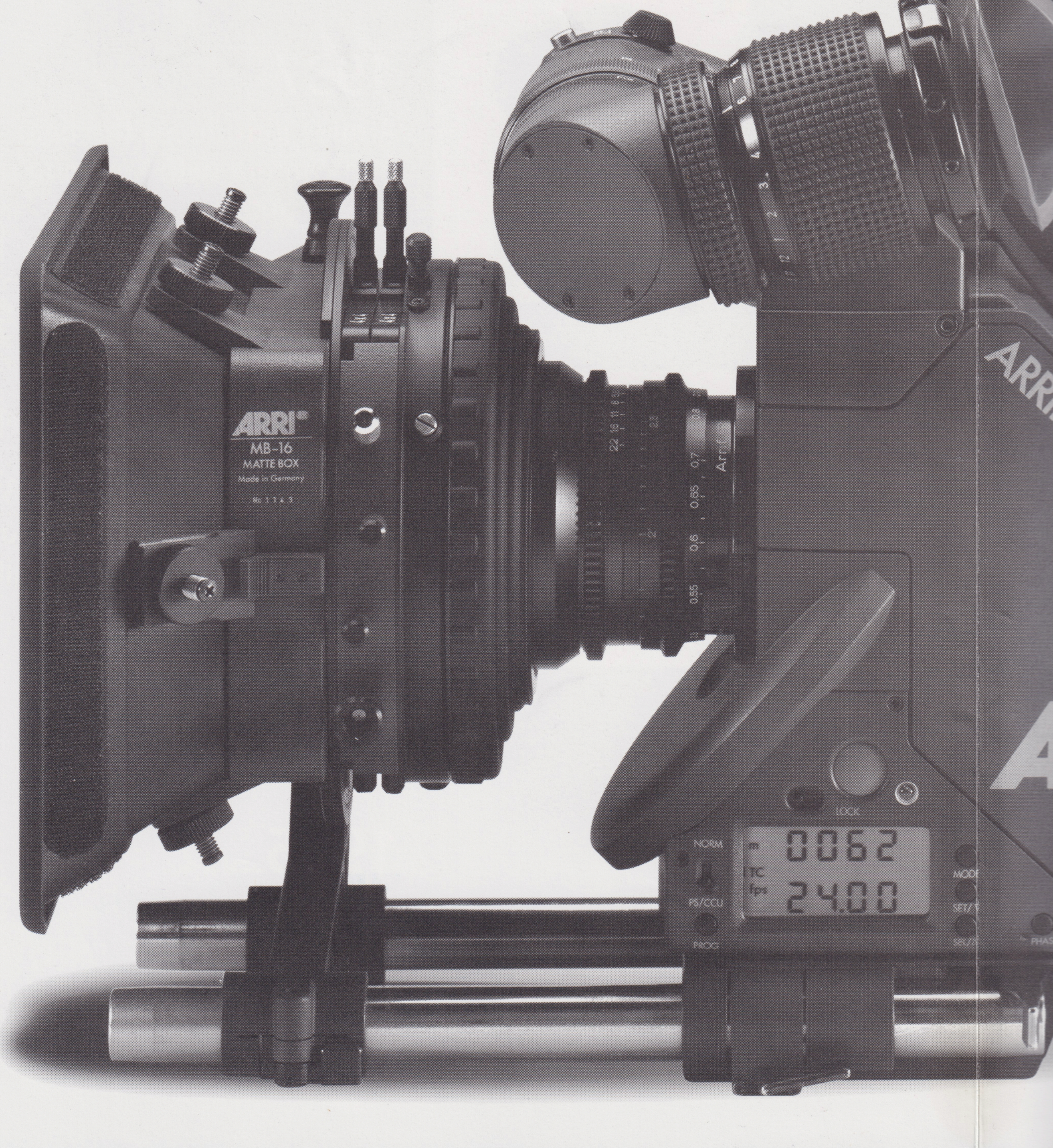
1979

Introduction of the Arriflex 35-3 MOS camera, today's standard for TV commercials, second unit and MOS production.

1995...

Arriflex introduces the next generation of MOS cameras.

The New ARRI 435.


ARRI
MB-16
MATTE BOX
Made in Germany
LOCK
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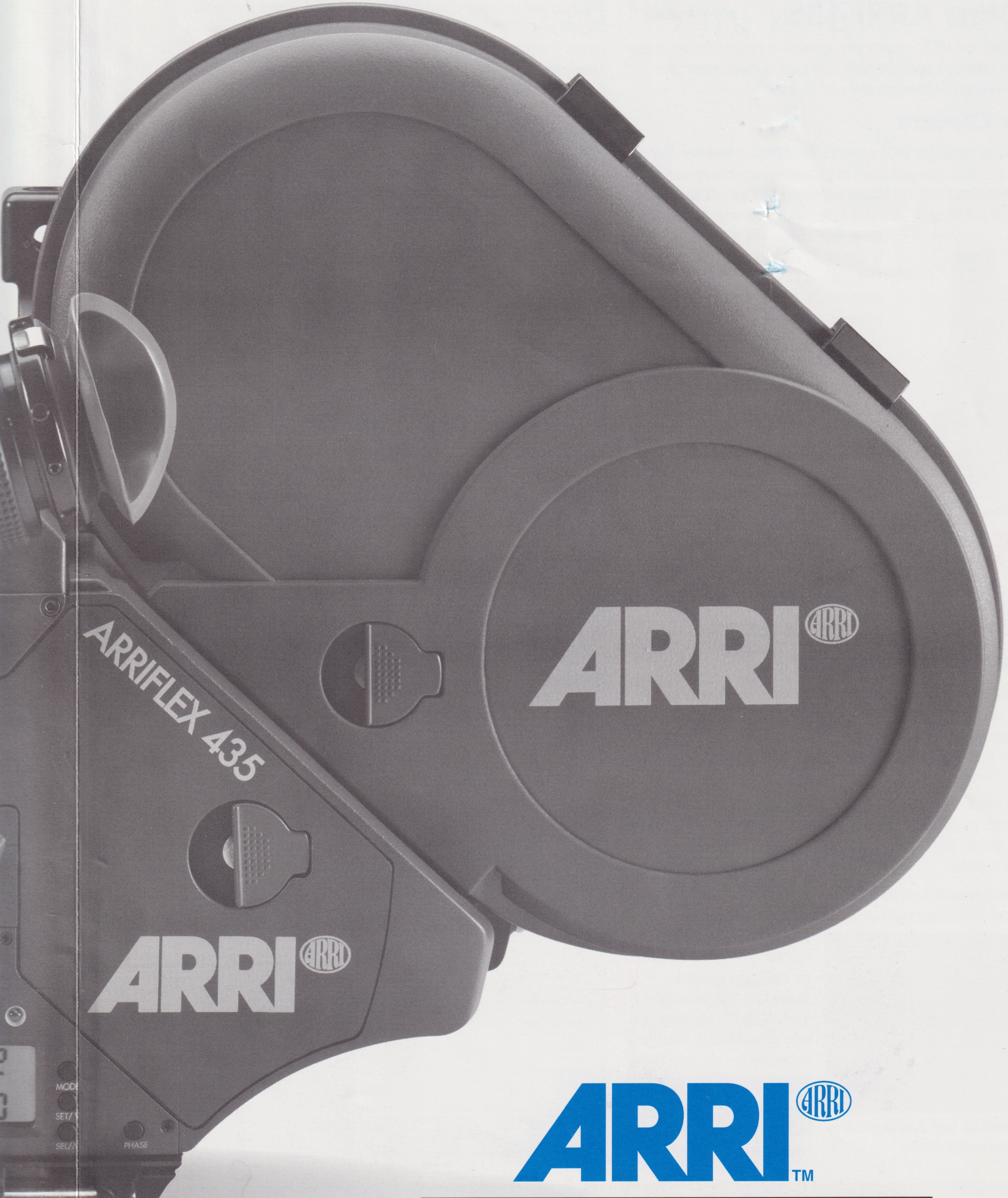
PROG
0062
24.00
TC
fps


ARRIFLEX 435
ARRI
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ARRI™

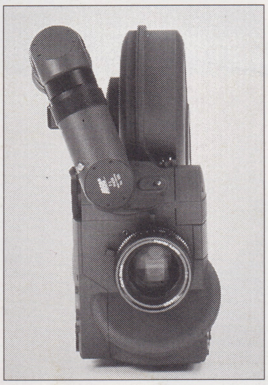
ARRIFLEX 435

The New ARRI 435

The new ARRI 435 takes a major step forward in camera design as successor to the industry's standard ARRI 35-3. Like its predecessor, the ARRI 435 is compact, lightweight and easy to use.

A New Camera

As the next generation in MOS cameras, the ARRI 435 features dual pin registration and dual claw pull-down to guarantee rock-steady images at any speed between 1 and 150 frames per second. All speeds are crystal controlled and are instantly available in forward or reverse without additional accessories. The 435 adapts quickly and easily to the Super 35 format. Time code is part of the design, not an afterthought. ArriGlow frame line illumination is an optional accessory.


Swingover finder

The versatile viewfinder of the 435 can be pivoted on two axes for use on either side of the camera, while the image always remains upright and correct. The finder image is bright and crisp. For critical focus, it is complemented by an extender with 2x magnification. The finder adapts its position so you don't have to adapt yours to view comfortably.

An advanced, totally integrated color video tap is part of the new 435 design.

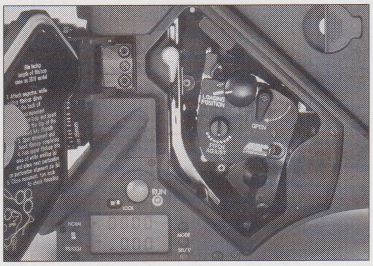
For Steadicam use or remote camera assignments, the optical viewfinder on the ARRI 435 can be quickly replaced with a 100% video top. In this configuration, the 435 weighs in at a trim 11½ Lbs.

System Integration

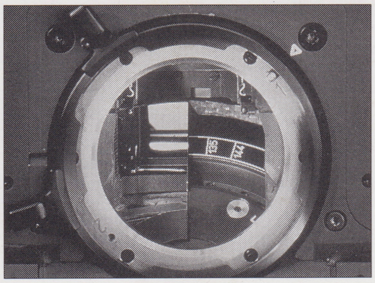
The ARRI 435 can be readily integrated into the ARRI 535 system. Field-tested accessories are already in place. ARRI 535 ground glasses, field lenses and film gate masks fit perfectly. The ARRI 535B finder extenders can also be used, as well as its eyepieces. Interchangeability means versatility in the field.

Dedicated interfaces for the LCC, CCU, RCU, RU and ESU guarantee integration with motion control rigs. The ARRI 435 is controllable, programmable and an extremely reliable system. Stored programs are easily recalled and repeated.

With the exception of the 35-3 shoulder magazine, all other standard ARRI 35-2 and 35-3 magazines can be used with the 435 at speeds of up to 130 fps. A new 400 ft. magazine has been designed for use up to maximum speed (150 fps). In addition, a new 1,000 ft. magazine and new coaxial 400 ft. shoulder magazine are also part of the system.


Five-link movement with dual registration pins and liquid crystal display

The new ARRI 435 utilizes a maintenance-free five-link movement with dual registration pins and dual pull-down claws set to optical printer standards. Precise and steady images are ensured throughout the entire speed range. The frame rate can be set with quartz accuracy to 0.001 fps. Fixed rates of 23.976; 24; 25; 29.97 and 30 fps are available by simply pushing a button.


Adjustable mirror shutter

The mirror shutter is mechanically adjustable from 11.2° to 180° in 15° intervals. An electronically controlled, continually variable mirror shutter is available as an option. Seamless speed and shutter ramps are accessible through ARRI microprocessor technology.

Technical Data: ARRIFLEX 435

Film Format:	35mm DIN 15 501; ANSI; SMPTE
Lens Mount:	54mm PL mount, adjustable for filming in Super 35 format
Flange focal distance:	51.98 - 0.01mm
Mirror reflex shutter:	Mechanically adjustable in camera OFF position between 11.2° - 180°; locking positions at intervals of 15° and at 144° and 172.8° Electronically continuously adjustable (optional) between 11.2° - 180° while running
Frame Rate:	1-150 fps, forward and reverse (Quartz-controlled; fixed positions: 23.976/24/25/29.97 and 30 fps) Maximum speed 130-150 fps with new 400 ft magazine only
Viewfinder indicator:	Asynchronous film running
Contrast filter:	Selectable, ND 0.6
Phase shifter:	Integrated in camera, by pressing the PHASE key when camera is running
Sensors:	Shown on the camera display are: film end, improper movement position, red control lamp when camera is not ready for operation.
Video assist:	C mount for 1/2" CCD camera
Beamsplitter:	Interchangeable with ratios of 80/20% and 50/50%
Magazines:	New magazines – 400 ft.(120m); 1000 ft. (300m) Old style magazines – 200 ft.(60m); 500 ft.(150m) and 1000 ft. (300m); displacement magazines
Movement system:	5-link movement with dual claws and registration pins for 35mm negative film, DIN 15 501; ANSI; SMPTE
Drive system:	Quartz-controlled DC motor
Power supply:	24V DC - 30V DC max.
Accessories:	24V, 3/5A and 12V, 3/5A
Battery Type:	24V - 30V DC
Weight:	Approx. 14.5 Lbs (6.6 Kg) – *without magazine*
Dimensions:	With 400 ft.(120m) magazine *(without lens)*: Length: 15.8" (401mm) Width: 10" (252mm) Height: 13.3" (337mm)

For additional information about the ARRIFLEX 435 please call or write to:

ARRIFLEX CORPORATION

617 Route 303, Blauvelt, NY 10913-1123 (914) 353-1400 or 600 North Victory Boulevard, Burbank, CA 91502-1639 (818) 841-7070

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